

## 1954 SAFETY MARKS FAVORABLE WITH 1953

## Credit Union Repeats 4.2 Dividend



**NO BADGE TROUBLE IS EXPECTED FROM BETSY R. DIGGS, A BRAND** new Y-12er in the Tabulating Service Department, who receives her Y-12 identification from John Price, Clearance and Pass Department Supervisor, along with some hints on how and where to wear the badge.

## Badge Wearing Regulations Have One Aim—Protection Of Employee, Plant And Nation

### 'Little Things In Security' Are Big Things In Shielding Against Unscrupulous Adversaries

Occasionally there is a gripe around Y-12 about the meticulous enforcement of the regulations covering the proper wearing of badges. Sometimes there is heard "it's such a little thing" to worry about.

Is it? Substantially, the same regulations pertaining to proper badge wearing as a matter of security are in effect in every plant, laboratory and installation operated by the Atomic Energy Commission. All of these regulations have but one objective—the proper identification of employees for the protection of the plant—and themselves.

The Sandia Corporation out at Albuquerque, N. M., is an important unit in the atomic energy chain of the nation—and its plant publication, the Sandia Lab News, recently published an editorial on security entitled "Little Things in Security." Some of the interesting passages in that editorial follow:

**Badges Inadvertently Changed**  
"Recently a Sandia Corporation employee," said the Sandia Lab News, "who had inadvertently exchanged badges with a fellow he lived with was denied admission to the plant. The mistake was immediately acknowledged by the nonplussed Sandian and on advice of a courteous security inspector he returned to correct the mistake by exchanging badges with his roommate, who also had discovered the error—"

"Security measures crop up at unexpected times—women employees sometimes are challenged when a new hair-do changes their appearance. The other day an engineer appeared after vacation with a new moustache—and it was requested that he get rid of the trim or pose for a new badge picture.

"Minor incidents? Yes. Unimportant? No. In security, as well as romance, 'little things mean a lot.'"

### Importance Stressed In Y-12

Here in the Y-12 the importance of proper badge wearing and vigilance in watching for violations is continually stressed to new and old employees alike. Newcomers are thoroughly briefed in badge wearing and other security obligations.

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## Steady Growth In Loans, Shares Cited By Group

**\$914,635.06 Assets Reported; Members Increased To 3,483**

A steady, conservative and prosperous growth of the Y-12 Employees Credit Union during the past year was reported at the annual meeting of the organization held last Thursday night at the Ridge Recreation Hall. For the third consecutive year a dividend of 4.2 per cent was voted by the membership on recommendation of the board of directors. Members of the board, the credit committee and supervisory committee also were elected by the membership during the meeting.

The healthy condition of the Credit Union finances was reflected in the report of Mrs. Lorena Causey, treasurer. It revealed the Credit Union has assets of \$914,635.06 with outstanding shares valued at \$858,946.63. The outstanding loan balance at the end of 1954 was \$604,229.85. A net profit of \$32,432.68 was reported for the year and expenses for 1954 were \$29,725, the report stated.

### \$3,813,988 Loaned Since 1950

Since the Y-12 Employees Credit Union was organized in 1950 a total of \$3,813,988 has been distributed to Y-12ers in loans, according to the treasurer's report.

In a report of the supervisory committee it was disclosed that the loan balance, or outstanding loans, was increased by 30 per cent during 1954. At the same time the share balance increased 35 per cent and the income of the organization was 30 per cent over the

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### SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
23 Days Or  
752,721 Hours  
(Unofficial Estimate)  
Without A Lost Time Accident  
Through January 23

## Y-12 Girls Set Valentine Hop At Eagles Club

That St. Valentine Dance and bingo party planned by the Y-12 Girls Club on Friday night, February 11, will be held at the Eagles Club, on the Oak Ridge Turnpike in West Village, members of the club stated last week. Evelyn Tucker, vice president of the club, is arranging details of the party.

The festivities will begin at 8 o'clock with two hours of bingo. Dancing will follow.

All proceeds from the bingo party and dance will be donated to the March of Dimes polio fund campaign.

The February 11 party is the first social activity of the club for the year. Several other affairs have been tentatively planned for the coming months.

### TRAINED WOMEN NEEDED

The North American Newspaper Alliance recently reported that top scientists and science teachers attending a conference at Bryan Mawr College underscored the need of more women to train in atomic science.

## Accidents Cost Less Lost Time; Four Periods Set

**Disabling Mishaps Increased By One; Minor Injuries Up**

Safety-minded Y-12ers put four periods of more than 1,500,000 hours of plant operations without a lost time accident on the books during 1954 and despite a series of three disabling injuries during the last nine days of the year the overall mark for the year compares most favorably with the 1953 record, according to Safety Department statistics released last week.

Those three lost time accidents occurring between December 23 and December 31 brought the total of such mishaps in the plant for 1954 to 16, which is one more than was recorded in 1953. That margin of one brought the percentage of increase for 1954 over 1953 to 6.7.

### Fewer Days Lost In 1954

Although the actual number of lost time accidents in 1954 showed a slight increase over the previous year, other safety statistics for the

### 12th PERIOD AWARDS TO BE GIVEN SOON

The individual safety awards for eligible Y-12ers participating in the 12th Carbide Safety Period ending September 27 are expected to be distributed soon. Three items out of the seven chosen by Y-12ers have arrived and the remainder are expected within the next few days.

Meanwhile machinery is being set up to obtain samples of articles to be offered Y-12ers for the 13th Carbide Safety Period that ended December 22. When these articles are obtained, division committees will be selected to pick awards for employees eligible to receive them.

year show a distinct and encouraging improvement. They disclose that although the increased employment in Y-12 brought nearly 2,000,000 more hours of plant operations during 1954, Y-12ers lost only 969 days of work as a result of the 16 disabling accidents against 2,788 days from 15 accidents in 1953. That is a decrease of 65.4 per cent.

Decreases also were shown in the important frequency and severity rates of lost time accidents in 1954. The frequency rate is the number of disabling injuries per 1,000,000 hours of plant operations. The 1954 figure for the Y-12 plant was 1.43 while in 1953 it was 1.60. That is a drop of 10.6 per cent. The severity rate, number of days lost per 1,000 hours of operations, was only .09 in 1954 as against .30 the preceding year, showing a drop of 70 per cent.

### Safe Working Benefits Seen

These decreases are taken as an indication that the trend toward safer work practices and conditions is growing as every Y-12er recognizes the benefits of avoiding and eliminating safety hazards as a means of maintaining their good

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## Physics Seminar Meeting Cancelled For This Week

There will be no meeting of the Oak Ridge Physics Seminar this week. The usual Friday session was cancelled because of the national convention of the American Physical Society in New York City. The seminar sessions will be resumed next Friday, February 4.



**DR. J. G. DAVIDSON, CHAIRMAN OF CARBIDE AND CARBON CHEMICALS COMPANY, THIRD FROM** left in back row, paid one of his periodic visits to Y-12 last Thursday and was guest at a luncheon at the Y-12 Cafeteria. Others in rear, from left, are E. A. Wende, Assistant to the Manager, Oak Ridge Operations, Atomic Energy Commission; J. P. Murray, Y-12 Plant Superintendent; S. R. Sapirie, Manager ORO, AEC; Clark Center, Vice President Carbide and Carbon Chemicals Company; E. C. Ellis, Y-12 Manufacturing Office Division Superintendent; and Jack M. Case, Y-12 Mechanical Operations Division Superintendent. In the foreground are, from left, John Swarthout, Deputy Research Director, Oak Ridge National Laboratory; Roger Hibbs, Y-12 Chemical Division Superintendent; and R. A. Walker, Y-12 Maintenance Division Superintendent. Across the table are W. K. Whitson, Jr., Y-12 Alloy Division Superintendent; Dr. C. E. Larson, ORNL Director; W. C. Moore, Y-12 Technical Division Superintendent. Behind them are Logan B. Emlet, Carbide Manager of Production; and Sylvan Cromer, ORNL Co-Director of the ANP Project. The three men in the rear are Dan H. Rader, Y-12 Plant Shift Superintendent; George W. Flack, Y-12 Industrial Relations Division Superintendent; and L. H. Barker, ORNL Administrative Coordinator.



# The Bulletin

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Y-12 Employees Of  
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GEORGE W. DOBBS . . . Editor

## OFFICE

Bldg. 9704-2 Room 223  
Telephone 7753



Miss Sue Carroll Gragg

The engagement and approaching marriage of Miss Sue Carroll Gragg, of the Y-12 Travel Office, to Calvin Stewart, of Knoxville, has been announced by parents of the bride-elect, Mr. and Mrs. C. W. Gragg, 189 Johnson Road, Oak Ridge.

A spring wedding is being planned by the couple.

Stewart, employed by the Southeastern Glass Co., Inc., of Knoxville, is the son of Mr. and Mrs. Arthur J. Stewart, Route No. 13, Fountain City, Tenn.



The following Y-12 employees were patients in the Oak Ridge Hospital last week:

Frank Thurman and Ruth Humphreys, Product Processing; E. C. Jeannette, James W. Stevens and J. A. Atchley, Guard; J. J. Winslett and W. L. Seaver, B Mechanical Operations; Bryant K. Hobbs, Electrical Maintenance; J. O. Hibbits and W. C. Dietrich, Analytical Development; A. D. Justice, Field Welding; B. B. Thornton, Stores; H. E. Lisenby, Beta Four Maintenance; Charles Phillips, D Mechanical Operations; W. T. McNamara, Planning and Estimating; O. E. Gilcrease, Electrical Engineering; Cleveland Cannon, Janitors.

## Third Audubon Lecture Set At Ridge Hall February 1

The third Audubon Screen Tour lecture, sponsored by the Oak Ridge Conservation Club and the Association for Childhood Education, will be presented at the Oak Ridge High School auditorium at 7:30 o'clock Tuesday night, February 1. The subject will be "Newfoundland," a travelogue, presented by Dick Bird, of Saskatchewan, Canada.

He has been making motion pic-

## Camera Club Offers Free Picture Course

### Print, Slide Contest Set For February 8

The Carbide Camera Club again is offering a free course in photography fundamentals, according to M. C. Zienke, of K-25, president of the organization. The course will be given every Monday night from 7 p.m. to 9 p.m. in the club headquarters and dark room in the Y-12 East Portal building.

The first meeting of the class will be held Monday night, January 31, and the only requirement to attend is membership in the Carbide Camera Club. All Carbide employees and their wives are eligible to join the club with membership fees being \$3 per year.

Y-12ers wishing to join the club are urged to send a check for dues to E. C. Lynn, Bldg. 9733-4 or 106 West Magnolia Lane.

The club will hold a color slide and black and white print contest at its next meeting on Tuesday night, February 8, at the club rooms, beginning at 7:30 o'clock. The subject of the contest is children, all ages, in prints four by five inches in size or on slides. The deadline for submitting entries to any officer of the club is Thursday, February 3.

## ASME Will Hear Talk On Aircraft Turbines

### Pratt & Whitney Man On Program Thursday

Harry C. Gray, of the Pratt and Whitney Aircraft Co., will be the guest speaker at the January dinner-technical meeting of the Oak Ridge Section of the American Society of Mechanical Engineers tomorrow night, Thursday, January 27. The meeting will be held in the Starlight Room of the Oak Terrace with dinner served at 6:30 o'clock, followed by the technical meeting at 7:45 o'clock.

Gray's subject will be "Gas Turbine Development at Pratt and Whitney Aircraft." He has been engaged in various phases of aircraft propulsion work since he received his B.S. degree in Mechanical Engineering from Worcester Polytechnic Institute in 1936.

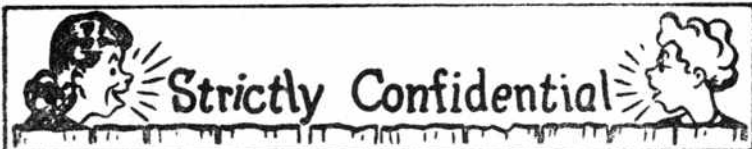
He has been head of the Stress and Vibration Division and Project Design Engineer on Gas Turbine Engines at the Wright Aeronautical Corporation. From 1949 until 1951 he was engaged in aircraft liquid and solid propellant rocket design and development as Design Division Head for the M. W. Kellogg Co. Gray joined Pratt and Whitney as Design Project Engineer on the J-57 turbo-jet engine in 1951 and transferred to Oak Ridge National Laboratory with Pratt and Whitney as Design Group Head in 1954.

Y-12 members of the ASME section are urged to attend the interesting meeting and may make dinner reservations with A. A. Abbatiello, plant telephone 7-8666; or W. R. Gall, plant telephone 7677. Those who cannot attend the dinner are invited to come to the technical meeting later.

Gray has been making motion pictures since 1948, including several years as a news photographer and film assignments for Walt Disney's true-life nature series and also for the Canadian government. Mrs. Bird serves as projectionist for her husband.



MRS. MARY JO CRENSHAW, OF THE ANALYTICAL LABORATORY, was honoree at a stork shower given last week by a fellow-employee, Lodean Butler, at the latter's home, 180 Robertsville Road. Seated in front are, from left, Edith Berger and the honoree, Mrs. Crenshaw. Standing from left are Bonnie Roberts, Velma Gammon, Bobby Jo Malory, Ida Belle Jenkins, Ova Lee Baker, Sammie Mattingly, Nell Mercer, Lodean Butler, the hostess; Marcelle Orlando, Doris Brogan, Barbara Messenger, Joan Sinichak and Katherine Dalton. Also attending but not pictured was Alice Crouse.



New Yawk Gurrl—"Men are all alike."

Dixie Darlin—"Men are all Ah like, too."

With that little quip swiped from an unsuspecting editor who mails his publication to The Bulletin, here's on with what's goin' on around these here now parts.

## MANUFACTURING OFFICE

Sometimes there is a mixup in transmission of messages—and so a correction is owed Stores for an inadvertent mistake in last week's Strictly Confidential. It was reported that the brother of Ruth West who died recently also was a brother—in-law of Emma Puckett. This was in error. Two brothers-in-law of Emma Puckett died within a few days of each other in Shelbyville, Ky., but no relationship to Ruth West's brother existed. If any embarrassment was caused to anyone—the Colyum Conductor extends deepest apologies. . . . Elsewhere in Stores W. H. Martin was a vacationer last week to take care of that new son of his—named Chris. . . . N. C. Parrish, transferred from Product Processing, was welcomed to the department.

S. A. Fairchild, of Plant Records, who has been toting the mail around Bldg. 9204-2 for many moons, is a proud grandfather for the first time—the new granddaughter is Nancy Earlene, born January 17, weighing six pounds, 11 ounces.

The Cashier and Travel Office hopes that Ed Penland's daughter, who was in a hospital last week, soon will be well again.

Property Sales extended welcomes to new employees J. K. Foust and J. C. Queener last week—likewise to R. Goodman, transferred from D Mechanical Operations.

## TECHNICAL

Kay Sideris, Project Engineering, was among the ailing last week and sent get-well wishes.

Production Analysis welcomed Elizabeth Patrick and Irene Jenkins back to work after they had been ill for several days.

Betty Sue Huntley, Analytical Development, traveled up to Rhode Island last week to visit her Navy husband.

## SUPERINTENDENTS

Plant Shift Superintendent Dan Rader and his wife were receiving lots of congratulations and good wishes as they welcomed their third son, born January 18. The youngster weighed in at nine pounds and has been named John Douglas. . . . Vivian Normand was a happy gal last week—her husband was home from Armed Service duties on furlough.

## INDUSTRIAL RELATIONS

The Training Department and other friends of Training Super-

visor C. W. McCollum are extending rapid-recovery wishes to his wife, who underwent an operation last week at Ft. Sanders Hospital in Knoxville.

Edna Campbell, of the Cafeteria, also is on the sick list in Ft. Sanders Hospital and receiving get-well wishes.

Guard Department reports E. H. Hansard and R. L. Carson on the vacation list. . . . Boys in Blue in the Oak Ridge Hospital receiving get-well wishes were E. C. Jeannette, J. W. Stevens and J. A. Atchley.

## CHEMICAL

Ruth Humphreys and Frank Thurman, of the Chemical Department, were Oak Ridge Hospital patients last week with wishes for quick recoveries.

Sign on Georgia restaurant—"Pies like Maw use to make before she jined the Stich and Chatter Bridge Club."

## MECHANICAL OPERATIONS

The General Machine Shop extended condolences last week to R. B. Carter, whose brother, Dee Carter, died recently in Maryville. . . . T. W. Brantley was in danger of being snowbound in LaFollette while vacationing last week. . . . C. L. Hill and R. C. Horton are exhibiting prosperity with ownership of shiny new automobiles. . . . So is F. L. Downing, who with his wife tried out the new family vehicle on a visit to their farm over in Clover, S.C., last week. . . . E. P. Webster is another department vacationer. . . . Jim Thorpe had his brother-in-law, Fred Brooks, and Mrs. Brooks, as visitors from Denver, Col., last week—Mrs. Thorpe returned to Denver with the Brooks folks for a visit with her mother and daughter, Mrs. James Nielson, the former Pat Thorpe—who in turn will come back to Oak Ridge for a visit with her folks (whew, time to take a long breath).

D. M. Willey, T. T. Penney and S. T. Crisp are newcomers welcomed to the department. . . . Sick folks sent get-well wishes include S. L. Newton, T. J. Knudsen, J. O. Shoopman, L. L. Separ, H. D. Campbell and E. A. Fritts.

Sympathy was extended last week to Roy Worley, of Mechanical Operations, whose father, R. B. Worley, died last week in Loyall, Ky.

## MAINTENANCE

Field Maintenance said "howdy" to a pair of new employees last week—J. A. Wallace and A. A. Armour. . . . Vacationers are G. T. Halmontaler and B. S. Mann.

E. W. Pipe, Electrical Maintenance, was receiving expressions of sympathy last week on the death of his father. . . . C. J. Maddux, Jr., and L. Bowers were welcomed back to work last week after hitches in the Armed Forces. Continued on Page 4

## Dr. Larson To Speak For Analytical Group

### Nuclear Reactor Work To Be Lecture Subject

Dr. Clarence E. Larson, Director of the Oak Ridge National Laboratory and former Y-12 Superintendent, will address the Analytical Group of the East Tennessee Section of the American Chemical Society tomorrow night, Thursday, January 27. The meeting will be in the Robertsville Junior High School cafeteria at 8 o'clock.

Dr. Larson's subject will be "The Role of the Analytical Chemist in the Nuclear Reactor Field." The speaker, an authority on reactor technology, will discuss the present state of development of nuclear reactors in the United States as well as the status of the reactor program in Europe. He also will consider the problems that remain to be solved to make nuclear reactors economically feasible and practical.

The role of the analytical chemist in the development of the overall reactor program as well as the analytical control problems of a functioning reactor will be put on a more current basis.

All members of the group, particularly Y-12 employees, are urged to attend the session tomorrow night. The public also is invited.

## Columbia River Talk Set For AIEE Meeting

### Army Man Scheduled For Speech Tonight

Carl Hunting Giroux, Special Assistant to the Chief of Engineers, United States Army, will speak at a meeting of the Oak Ridge Section, American Institute of Electrical Engineers, at 7:30 o'clock tonight, Wednesday, January 26. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

His topic will be "Power Developments on the Columbia River," a subject on which Giroux is well qualified to speak as a result of his long experience with the Corps of Engineers. His talk will be illustrated with color slides.

Giroux graduated from the University of Colorado in 1912 and immediately joined the General Electric Co., remaining with that firm until 1923, when he became an electrical engineer in the Corps of Engineers. He successively held several responsible posts in the Corps and was promoted to his present position in 1941.

In this capacity he has served as consulting electrical engineer for the Army. His consulting services also have been utilized by the Manhattan District and the United States Engineer Detachment at Oak Ridge. At present he is retained as consultant by the Atomic Energy Commission.

All Y-12 members of the section are urged to attend the meeting tonight and the public is invited.

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

John H. Talley, Receiving and Shipping, January 27.

Lige A. Turpin, Field Maintenance, January 29.

Henry W. Krouse, Fire Department, January 31.

Richard G. Boxley, Project Construction, February 1.

Everett P. Braden, Chemical, February 2.

Timothy Ware, Buildings and Grounds, February 2.



## '54 Fishing Contest Prizes Are Spread

16 Anglers Collect;  
Ferrell Wins Plaque

The 17 handsome prizes to be awarded in the 1954 Y-12 Annual Fishing Contest were won by 16 different anglers throughout the plant, a compilation of returns made Monday, January 17 by three judges, revealed. Only one Y-12 fisherman that entered the event took more than one place, so close was the competition.

Meanwhile, George Ferrell, of the General Machine Shop, was



declared winner of the plaque awarded by the Recreation Office to the top angler of the plant. An eminently fair point system was used to determine the winner of the plaque with points awarded for catches in the four fishing rodeos of the year as well as in the annual contest.

### George Brewer Is Second

The point system provided three points for a first place, two for second place and one for third. Ferrell won the plaque with an accumulation of 10 points by winning a second and third place in the second fishing rodeo of last year and a first and two seconds in the third rodeo. George Brewer was runner up with eight points, representing one second place in the first rodeo and two firsts in the second.

Most categories in the annual fishing contest drew numerous entries although only one entry was received in the contest for the best striped bass, the biggest crappie and the leading bream.

### List of Prize Winners

Here is the complete list of prize winners in the annual contest:

**Largemouth Bass**—Raymond D. Bass, first, eight pounds. J. H. Nash, second, six pounds, one ounce. W. G. Rains, third, six pounds.

**Smallmouth Bass**—B. A. Murr, first, four pounds, 12 ounces. W. E. Davis, second, four pounds. R. E. Gibson, third, three pounds, five ounces.

**Striped Bass**—R. L. Vanderpool, first, two pounds, 10½ ounces.

**Walleyed Pike**—Virgil Lovett, first, six pounds, nine ounces. Nelson Tibbatts, second, two pounds, 14 ounces.

**Sauger Pike**—Dave Turner, first, three pounds, 12 ounces. E. V. Hawk, second, three pounds, eight ounces. Jack T. Hale, third, three pounds, six ounces.

**Bream**—Walter Lovell first, one pound, two ounces.

**Crappie**—N. H. Wise, first, one pound.

**Rough Fish**—Thomas McCarroll, first, 22-pound blue cat. N. H. Wise, second, 18-pound, four-ounce blue cat. O. J. Rhea, 11-pound, 12-ounce drum.

## Beagle Club Sets Benefit Field Trial

The Atomic Beagle Club, of which J. A. Biggs, of the Y-12 Beta Two Maintenance Department is the newly-installed secretary-treasurer, will hold a special benefit field trial for the March of Dimes polio fund on Saturday, February 5. This will be a "B" sanctioned brace trial, with ribbons for the winners.

All profits will be donated to the March of Dimes in honor of the small son of former Y-12 Guard James F. Bridges, who was stricken with polio last summer. Judges will be William Busby, of K-25; and Paul Bridges, of Norris. They will donate the usual judges' fee to the fund.



HERE ARE THE THREE JUDGES IN THE 1954 Y-12 ANNUAL FISHING Contest. From left are Evan Means, Russell Hopper and Avery Kendig. They are shown viewing the plaque awarded Y-12's top fisherman of the year, George Ferrell, and the many entries in the annual contest from which they selected the winners.

## Cards Look Ahead After Two Triumphs

ORNL, K-25 Are Next;  
Robins Have Two Tilts

Those Y-12 Cardinals are going to be hard basketeers to battle from now on out, if their showing last week is a criterion. With a couple of "revenge" battles ahead, the Cards suddenly blossomed into full-blown birds of prey to trim a pair of Knoxville teams and raise their Knox-Ridge League rating to an even split of two won and two lost.

### Bell Avenue Baptists Bow

The Y-12ers blasted Bell Avenue Baptist by 47 to 36 at Oak Ridge on Monday, January 17, then travelled over to Knoxville to wallop the Kelso Oilers by 72-46 on Wednesday, January 18. That triumph over the Oilers got even for an earlier loss to the same team.

**Manager Charley Knowles'** Cards will have blood in their eyes tonight, Wednesday, January 26, when they do battle against the tall team of the Oak Ridge National Laboratory. The scrap is set for 7:30 o'clock at the Oak Ridge High School. The Labsters handed Y-12 a 67-47 licking a couple of weeks ago. After the game tonight, the Cards will be idle until next Wednesday, February 2, when they will take on the K-25 Blues. That is another score to settle for the red and white, as the West Enders whittled out a 41-37 win in a previous outing.

Meanwhile, the Y-12 Robins are slated for a benefit appearance in Knoxville on Sunday, January 30, at the old Knoxville High School gymnasium. Their opponents will be an all-star women's team of Knoxville. After this contribution to charity, the Robins will again take out after the Lab lassies of ORNL on Monday night, January 31, when they will seek to wipe out the sting of two straight one-point defeats by ORNL. This game will be at the high school gymnasium at 7 o'clock.

Y-12 scoring against Bell Avenue was well scattered as the team really clicked as a unit. Don Wood tossed in 21 points to lead the scorers, but was ably assisted by Junior Wolfe, eight; Frank Hardin, seven; Lew Fitzgerald and Walt Lovell with six each and R. Taylor with four. R. Cooper, of Bell Avenue, was top scorer for the night with 21 but had little aid from his teammates.

### Oilers Hit Skids

After a fairly close three periods, the Cards greased the skids for the Oilers. A 25-12 final period swept the Cards to their high point game of the year. Wood and Hardin again led the Y-12 scoring with 26 and 21 points, respectively. Palo O'Neal bagged 10 as did Fitzgerald. The Gettlefinger brothers led Kelso tallying, Ed getting 14 and Harry 12.

Progressive quarter scores for the two Cardinal triumphs follow:

Cardinals	16	19	33	47
Bell Avenue	8	14	25	36
Cardinals	9	35	47	72
Kelso Oil Co.	7	24	34	46

## Orsorts, B Bombers Deadlocked For Top In First Half Of Basketball Loop Season

Playoff For Championship Set For February 17;  
Second Half Underway With Close Race Predicted

With the B Bombers and Orsorts deadlocked for the lead at the end of the first half of the season schedule of the Y-12 Plant Basketball League, the loop now is knee deep in the second half of play with another rip-snorting neck and neck race anticipated. The playoff between the Bombers and Orsorts for the first half title will be played at 6:30 o'clock Thursday night,

February 17, at the Jefferson Junior High School gymnasium.

### Bombers Eliminate Maintenance

The Orsorts had completed their first half schedule when the Bombers and Maintenance, both with a mathematical chance at a tie for the crown, clashed on January 17 with the Bombers nosing out their opponents by 53-41. A running start by the Bombers, who had a 17-4 lead at the first rest stop, clinched the matter. Bill Butturini had 14 points and John Baker 12 for the victors. Bill Malcolm tallied 13 and Manager Clyde Carter 11 for Maintenance. Carter's crew outscored the Bombers in the second and third periods, but couldn't quite catch up.

Maintenance bounced back later in the week to down the D Doodies 67-36 as Malcolm scored 22 and Dial 20. Plemmons got 11 and Thornton and Cawdill eight each for the Doodies. This was a first half game as was the 77 to 16 shellacking given the Sunflowers by C Shift. Morrow with 21 and Vannoy with 17 paced the C Shift quintet while Noland got nine and Copeland six for the Sunflowers.

### Orsorts Get Good Start

The Orsorts got away winging in the second half with a 34 to 28 triumph over the Beta One basketeers with Curt Beasman and Bill Burch doing most of the damage with 13 and 10 points respectively. G. Johnson and C. Gifford managed to get eight and six points in the losing cause.

In another second round game C Shift cooled off the Hot Shots by 50-32 as Vannoy and Morrow again found the rims for many points, the former getting 22 and the latter 11. Jack Foresman led the Hot Shots with 17 counters.

Beta One bounced back into the win column by treeing the Owls to the tune of 66 to 28. Verner got 19 and McLaughlin 17 in a tight scoring race for the winners and S. Brown dropped 14 through for the Owls.

### Each Had Seven-One Mark

In first half play the Bombers and Orsorts each scored seven wins and one loss. Maintenance was next with a six-four mark. Beta One was in fourth place with five wins and three losses and the Doodies fifth with four and four. The Hot Shots pulled up in sixth place with a three-five mark and C Shift, with one game to go on Monday night of this week, had a three-four mark and could climb to a tie with the Doodies if they beat the last-place Owls. The Sunflowers had one win and seven losses and the Owls were winless in their first seven starts.

Here is the plant league schedule for games tonight, Wednesday, January 26; Monday, January 31; and Friday, February 4 (instead of Wednesday because of Jefferson Junior High School game at Jefferson gymnasium where the Y-12 Plant League operates.)

Wednesday, January 26 — 6:30 p.m., Owls vs Sunflowers. 7:30 p.m., Hot Shots vs Beta One. 8:30 p.m., Orsorts vs D Doodies.

Monday, January 31—6:30 p.m., Bombers vs Orsorts. 7:30 p.m., Maintenance vs Beta One. 8:30 p.m., Sunflowers vs Hot Shots.

Friday, February 4—6:30 p.m., Hot Shots vs Owls. 7:30 p.m., Maintenance vs Sunflowers. 8:30 p.m., C Shift vs D Doodies.

League standing after games of January 19, with some contests having been staged before the first half of the season was completed, follows:

Team	W	L
Maintenance	1	0
Orsorts	1	0
Beta One	1	1
C Shift	1	1
Hot Shots	0	1
Owls	0	1
B Bombers	0	0
D Doodies	0	0
Sunflowers	0	0



THE HIGH-SCORING ORSORTS TEAM OF THE Y-12 PLANT BASKETBALL League is pictured above. Kneeling in front is manager and Captain Curt Beasman. Standing from left are George Schnurer, Gene Rogers, Chuck Thomas, Bill Burch, Bernie Hemling, Bob Teele and Bill Spencer.

## Y-12 Women Varsity Bowlers Win Three Points To Hold Third In City Pin Loop

Although trouncing the Woodland Shopping Center for three points last Thursday night, the Y-12 women's varsity bowling team failed to gain on the leaders in the Oak Ridge Women's City Bowling League is the EAT and AEC teams also turned in similar wins. The Y-12 lassies still were in third place after the pins stopped falling, trailing by two meagre points.

The Y-12 women took two games and total pinnage from Woodland, the team line scores being 733, 706, 738-2177 for Y-12 and 691, 679, 755-2125 for Woodland.

Capt. Mavis Koons again led the Y-12ers in scoring with 192, 151, 133-482. Then came Ruby O'Kain 170, 144, 153-467; Betty Whitehorn 126, 145, 158-429; Juanita Reed 133, 137, 157-427; and Dot Park 112, 123, 137-372.

The Y-12ers won the first round of play in the league and have been threatening throughout the second round in a hotly contested race.

## Varsity Pinmen Lose Three Points Again

Losing three points for the second week hand running, the Y-12 varsity pinmen saw their once healthy margin in the Oak Ridge City Bowling League wiped out and the team resting in a tie for first place as it bowed to the K-25 keggers Monday night, January 17. The Y-12ers took the first game by a slim edge of three pins, 876 to 873, but dropped the next two 881 to 815 and 861 to 851. Total pinnage was 2625 for K-25 and 2442 for Y-12.

Frank Gragg paced the Y-12ers with 193, 191, 163-547; and was followed by Joe Pryson 194, 181, 166-541; Ernie Cobble 171, 145, 197-523; Frank Zupan 159, 148, 184-491; and Ed Gambill 159, 150, 141-450.

### Y-12s' MAVIS KOONS LEADS TWO LEAGUES

Mrs. Mavis Koons, captain of the Y-12 women's varsity bowling team, has the top average in two leagues, official averages reveal. In the City League, in which the Y-12 team competes, her average for the season through last week was 154 per game. She has the same record in the Independent League, where she is a member of the Hawks team.

## Wolves' Whitewash Win Gets Loop Lead

The Wolves turned in a whitewash victory over the All Stars last Thursday night in the B League of plant bowlers to take over undisputed possession of first place in the loop. The Wolves had been tied with ADP for the previous two weeks, but the ADP keggers could only take three from the Wasps last week to drop to second place. In other matches last week the Rippers took three from the Swingsters, Cubs got the same margin over the Bumpers and the Has Beens similarly humbled Bldg. 9211. The Rebels and Tigers broke even with two points each.

Les Sikes, of the Tigers, swept the boards to take individual scoring honors. He based his string on a 230 scratch game, boosted to 269 with handicap, then went on for a 557 scratch and 674 handicap series. In marching to the lead the Wolves had top series scores of the night with 2492 scratch and 2945 handicap. The Has Beens posted the best single games, 905 scratch and 1031 handicap.

League standing follows:

Team	W	L
Wolves	27	9
ADP	26	10
Bumpers	22	14
Rippers	22	14
Rebels	21	15
Swingsters	19	17
Wasps	17	19
Cubs	16	20
Tigers	15	21
Has Beens	12	24
All Stars	10	26
Bldg. 9211	9	27

Y-12 SPORTS



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## 1954 Safety Marks Favorable With 1953; Less Time Lost From Lost Time Accidents

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health and freedom from pain and worry caused by becoming victims of a disabling injury.

This trend is further reflected in the fact that during the four Company Safety Periods of more than 1,500,000 hours of accident-free plant operations established in 1954—a total of 8,592,429 labor-hours were performed without a disabling mishap. That does not include some short intervals between the Company Safety Periods in which no accidents occurred.

### 1954 Working Hours Increase

Those 8,592,429 hours of operations with no disabling accidents represent 76.76 per cent of the total hours of plant operations during 1954, which totaled 11,194,009. In 1953 only 9,383,106 man-hours of plant operations were recorded.

However favorable the preceding figures might be to indicate a continuance of Y-12's fine safety record over a period of several years, the so-called minor injuries in the Y-12 Plant during 1954 showed a disturbing increase. These non-disabling accidents in many instances could have proven more serious to become lost time mishaps and indicate to Safety Department authorities the need for even more care being exercised in work around the plant.

### 5,692 Minor Accidents

A comparison of the 1954 minor injury situation with 1953 show that last year there were 5,692 such mishaps against 3,590 the previous year. That is a rise of 58.6 per cent. The frequency rate

of such accidents also was up 32.6 per cent with the 1954 rate being 508 against 383 in 1953.

The big boost in the non-disabling mishaps was shown in motor vehicle accidents that jumped from only 11 in 1953 to 25 in 1954, an increase of 127.3 per cent. Property damage accidents of all kind were 12 in 1954 with only four being posted in 1953, a big jump of 200 per cent. There were 122 fires in Y-12 in 1954 and 92 the preceding year, a boost of 32.6 per cent.

### 13 Safety Periods Since 1951

Those four Company Safety Periods established in 1954 were the 10th, 11th, 12th and 13th posted in the Y-12 Plant since Carbide took over operations of the plant in May, 1947. Following are the inclusive dates and number of accident-free hours worked in each of the four periods:

No. 10 — February 26-May 5, 2,129,426 hours.

No. 11 — May 12-July 11, 1,797,986 hours.

No. 12 — July 31-September 27, 1,889,628 hours.

No. 13 — September 29-December 22, 2,775,389 hours.

## Y-12 Pistoleers

### Meet K-25 Tonight

The Y-12 pistol team will meet K-25 in a league match tonight, Wednesday, January 26, after taking a forfeit win from the Oak Ridge Independents last Friday night. In firing for record the Y-12ers posted a scratch score of 1202, boosted to 1443.384 with handicap.

The top scratch scorers for Y-12 were J. C. Ezell 260, P. H. Williams 255, W. R. McIntosh 241, M. C. Abbott 220 and B. R. Alford 218. Leading in handicap firing were Williams 288.354, Ezell 287.524, McIntosh 287.015, O. C. Beatty 286.332 and E. Scott 286.159. Others firing for Y-12 were J. H. Rowan, A. V. Bible, M. L. Woodward and C. G. Brewster.

## Georgia Tech. Alumni Set Meeting For Tuesday Night

The Oak Ridge Georgia School of Technology Alumni Club, with a number of members in Y-12, will hold its first meeting of the year next Tuesday night, February 1. The session will be in the West Lounge of the Ridge Recreation Hall, and all club members and alumni of the school are urged to attend. Motion pictures of highlights of Georgia Tech football games of last season will be shown.

## Mrs. Roosevelt Will Speak In Oak Ridge February 18

Mrs. Eleanor Roosevelt, widow of former President Franklin D. Roosevelt, will speak in Oak Ridge on Friday night, February 18. Her talk will be given in the Oak Ridge High School auditorium at 8 o'clock under auspices of the American Association of University Women. Her subject will be "World Concepts of Communism."

## Credit Union Again Votes 4.2 Dividend

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previous year. Par value of Credit Union shares increased from \$5.24 to \$5.32 during the year. Shares are sold at \$5 each to Y-12ers investing in the organization.

Another interesting feature of the report of the supervisory committee was the statement that the percentage of total expenses compared to gross income decreased by nine per cent.

The Credit Union now has 3,483 members, or share holders, at the end of 1954, an increase of 840 during the year, the credit committee reported. The number of loans made in 1954 was 4,311 compared to 2,588 for 1953 and the total amount of loans made in 1954 was \$1,363,084.

Three members were elected to the board of directors last Thursday. They were W. O. Elam, Fire Department; J. P. Blakeley, Oak Ridge National Laboratory ANP Division; and R. C. Kelly, ORNL Materials Chemistry Division. They will serve for a term of two years. Holdover members who will serve for one more year are Morris J. Fortenberry, president of the Credit Union; Mrs. Causey, A. J. Fisher, Security; and A. M. Schrader, Beta Four Maintenance.

W. R. McGill Fire Department; and C. V. Ketton, ORNL Stable Isotope Division; were elected to two-year terms on the credit committee. Alternates elected to serve one year were W. K. Forester, Mechanical Engineering; A. L. Conte, Project Engineering; and C. M. West, Health Physics. Ernest Cobble, Buildings and Grounds, is a holdover member of the committee.

An entire new slate was elected to membership in the supervisory committee. W. L. Coggins, Salvage; and H. A. Reed, Chemical; were named for two-year terms and George Olshansky, Electrical Maintenance, for one year.

The board of directors will meet early this week to elect officers for the current year, according to President Fortenberry.

## Conservation Club Sets Film Showings

The Oak Ridge Conservation Club, which has many Y-12ers among its membership, will present Ralph Seaman, secretary of the Carling Conservation Club, in a two-hour program for conservation in the East Lounge of the Ridge Recreation Hall tomorrow night, Thursday, January 27. The program will begin at 8 o'clock.

Seaman's collection of films includes such titles as "Expedition Moose," "Duel in the Pool," "Speckled Trout," "Pheasant Island," "Ring-necked Pheasant," "Survival Perilous," "Musky Fever," and "Fishing Unlimited."

"Fishing Unlimited" covers more than a year of travel with his film shows and it is narrated by Seaman. It shows action shots of fishing in the Okefenokee Swamp in Georgia, Florida's Marineland Studios and the Gaddy Goose Refuge near Ansonville, N. C.

All sportsmen and conservationists are invited to attend the film showing. Admission is free.

## Y-12 SPECIAL LUNCHES OFFER APPETIZING ITEMS AS ENTREES

Attractive items are offered as entrees on the Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, January 27, and next Tuesday, February 1. The Special Lunch tomorrow will be featured by barbecued frankfurters while next Tuesday the main dish will be diced ham and baked beans. The 50-cent Special Lunches also include one vegetable, choice of salad or dessert and rolls and butter.

## Rides Wanted, Offered

**Ride Or Riders Wanted** — From Clinton to Central Parking Lot, Group 3, work third shift rotation, off Saturday and Sunday. Paul Braden, plant telephone 7175.

**Two Riders Wanted** — From South Harriman to Central Parking Lot, B Shift. Homer Baker, plant telephone 7243, home telephone 1292-M, South Harriman.

**Ride Wanted** — From Terrace View Drive-In, Harrell Hills, Fountain City to North or East Portal. L. R. Hall, plant telephone 7-8314, home telephone 6-0279, Knoxville.

**Riders Wanted** — From Harri-man, straight day. A. C. Wampler, plant telephone 7605, home telephone 814-M, Harriman.

**Riders Wanted Or Will Join Car Pool** — From Harriman, A Shift. H. M. Freels, plant telephone 7-8402.

**Want To Join Car Pool** — From vicinity of 187 Tacoma Road, Oak Ridge, to Central Parking Lot, straight day. Betty Huntley, plant telephone 7-8233, home telephone 2-1483, Oak Ridge.

**Riders Wanted** — From Western Ave. vicinity of Knoxville, straight day. T. E. Roberts, plant telephone 7-8218, home telephone 5-9051, Knoxville.

**Riders Wanted** — From South or West Knoxville, straight day. Bill Hood, plant telephone 7-8382, home telephone 7-2412, Knoxville.

## C Shift Bowlers Blank Hot Wires

Working schedules played havoc with the bowling schedule of the C League last week as only four of the eight teams in the circuit saw action. The missed games will be rolled off as soon as possible.

In the alley activities last week the C Shift pinmen pinned a whitewash defeat on the Hot Wires, who previously had been cutting quite a swath in the loop ranks in the second round of play. By virtue of the triumph, the C Shift kегlers jumped to a tie with the idle Hornets with both teams being just one-half point behind the Hot Wires, still leading the circuit by a bare margin. In the other clash the Q Balls whipped the Deltas for three points.

Despite their loss, the Hot Wires took the major share of the individual and team scoring honors. V. Williams had the best scratch score with a 190 game and 506 series. L. Sikes banged out a 596 handicap series. The team also had the best series scores of the night with 2218 scratch and 2680 handicap. The Q Balls' R. Sherman posted a 214 handicap game for tops and his teammates had the best scratch scores with a 757 game, boosted to 1017 with handicap.

League standing after bowling of Wednesday, January 19, follows:

Team	W	L
Hot Wires	8	4
Hornets	7½	½
C Shift	7½	½
Q. Balls	6	6
Rusty Five	4	4
Glass Arms	3	5
Deltas	2	6
Screw Balls	2	10

## Three Wives Of Y-12ers Win Prizes At Club Card Party

The Carbide Wives meeting of January 19 drew 48 members to the card party and business session at the Ridge Recreation Hall. "New Year's Resolutions" was the theme of the party.

Mrs. J. K. White, whose husband works in Y-12, won first prize in bridge with Mrs. Ray B. Clarke second and Mrs. Frank Scheitlin third. Mrs. Herbert Cleveland was best in canasta with Mrs. E. W. Smith, wife of a Y-12er, second. Mrs. R. E. Webb, president of the club and also wife of a Y-12er, was first in bingo. Mrs. J. H. Fletcher won the door prize.

## Badge Wearing Rules Aimed At Protection

Continued from Page 1

tions in orientation meetings and frequent security and safety meetings are held to remind every Y-12er of the importance of security.

It is the duty of every Y-12er to watch for badge violations on the part of other employees—although it might be a "best friend" that is accosted. Even an employee on official business in an area in which he is not accustomed to visit, is subject to challenge by a Y-12er who is not certain of the right of the visitor to be where he is.

### Security Can Get Rough

As the Sandia Lab News points out—"this matter of security is a serious business that can get mighty rough. In this struggle to maintain tight security, our country has come up against mighty adversaries who will not hesitate to use bribery, force, confusion, ignorance or any of a multitude of ruses to gain information to which they are not entitled."

No Y-12er who is not absolutely certain of the identity of any stranger in his area or whether the stranger has authority to be there should not feel embarrassed in making a challenge—nor should the challenged person feel agrieved, as the challenge is only an indication of the alertness of a security-minded employee who has the interests of his country and his plant at heart.

## Volleyball League Lead Is Increased

The volleyballers of Bldg. 9212 took a big jump out in front in Y-12 Plant League play last week by trouncing the Engineers for three points with two consecutive wins. The scores were 15-6 and 15-9. The triumphs gave the loop leaders a four-point lead with but two more weeks to play.

For the first time in the season a league match required three games to settle as the Uranium Control Junior Varsity took two out of three from the Duds. The UCJV lads copped the opener 15-6 but the Duds bounced back for a 15-10 decision. UCJV took the rubber game by 15-9.

The Fog Heads, a shift team from the Fire Department, will play two games on the schedule next Tuesday, February 1. At 6:30 p.m., they will clash with the Duds and an hour later are slated to do battle with the UCJV outfit.

League standing follows:

Team	W	L
Bldg. 9212	12	0
UCJV	8	4
Duds	4	5
Peons	3	9
Engineers	3	9
Fog Heads	0	9

## Riflemen Of K-25 Outshoot Y-12ers

The K-25 men's rifle team edged the Y-12 sharpshooters last Thursday night in both scratch and handicap scores in an Oak Ridge Rifle League encounter at the Oak Ridge Sportsmen's Club range. The scratch scores were 904 to 839 and the handicap edge was 973.914 to 963.435.

Y-12's five high scratch scorers were C. G. Brewster 176, R. W. Miller 170, W. R. McIntosh 166, W. D. Cunningham 165 and Eugene Dusina 162. Handicap scorers were Brewster 194.128, Dusina 193.920, Miller 193.077, Cunningham 191.168, and McIntosh 191.142. Others firing were Y-12 were R. L. Vanderpool, W. M. Simpson, W. A. Sahr, J. H. Stewart and S. E. Adams.

Cuba—where they raise cane to make rum and drink rum to raise cane.



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... H. G. Bingham was sick at home in Fountain City last week with pneumonia and was sent get-well wishes ... W. H. Pool got away for a vacation last week.

Lelia Leslie, of the Laundry, is down Etowah way this week on vacation.

A pair of proud Pops in Beta Two Maintenance were being slapped on the back last week ... J. R. Bearden, Jr., welcomed little Lisa Jean into this vale of tears on January 15 ... Young Joody Vann arrived January 11 to bless the home of Estridge Collins ... Both saw the light of day at the Oak Ridge Hospital ... Woodrow Jackson is a vacationer this week at unreported whereabouts ... S. M. Verble is on the ailing list.

Alpha Five Maintenance hopes O. E. Bean, who has been ill for some time, is able to return soon.

C. L. Evans, Planning and Estimating, is in Memorial Hospital in New York City where he will undergo an operation ... Get-well wishes are sent his way and also to W. T. McNamara, reported improving at the Oak Ridge Hospital.

Inscription on tombstone of bebop boy—

"Man, don't dig me. I'm really gone."

So — the Colyum Conductor is really gone for this week—see you anon, here and there.